

Please type a plus sign (+) inside this box.

PTO/SB/21 (6/98)

Approved for use through 9/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in this Submission: 6

Application No.	10/038,520
Filing Date	October 22, 2001
First Named Inventor	Livak et al.
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket No.	4340C2

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee attached <input checked="" type="checkbox"/> Response/Statement <input type="checkbox"/> After Final <input checked="" type="checkbox"/> Property Rights Statement to DOE (42 USC § 2182) Inventors Employed by an Organization <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts Notice/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers for an application <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Associate Power of Attorney <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After-Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s): <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Check for \$ _____ <input checked="" type="checkbox"/> Authorization to Charge Deposit Account No. 01-2213
--	---	---

Remarks:

RECEIVED
JUN 19 2002
LICENSING & REVIEW

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Name	Vincent M. Powers (Registration No. 36,246)	Date	June 3, 2002
Signature		Telephone	650.638.6492
Address	850 Lincoln Centre Drive, Foster City, CA 94404	Facsimile	650.638.6677

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U. S. Postal Service as <input type="checkbox"/> Express Mail No. _____			
<input checked="" type="checkbox"/> First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on: June 3, 2002			
Type or Printed Name	Trisha A. Low	Signature	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Case No. 4340 C2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Livak et al.

Serial No.: 10/038,520

Filed: October 22, 2001

For: **LENGTH OF DETERMINATION OF
NUCLEIC ACID REPEAT
SEQUENCES BY DISCONTINUOUS
PRIMER EXTENSION**

Group Art Unit: to be assigned

Examiner: to be assigned

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

JUNE 4, 2002

(Date of Deposit)

Trisha A. Low

Name of Depositing Party

Trisha A. Low

Signature of Depositing Party

**PROPERTY RIGHTS STATEMENT TO DOE
(42 USC § 2182)**

INVENTORS EMPLOYED BY AN ORGANIZATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Attention: Licensing and Review

Sir:

As a below-named inventor, I hereby state that with respect to the invention in the above-identified application:

1. The invention was made and conceived during my employment with the Applied Biosystems Group of PE Corporation (NY), located at 850 Lincoln Centre Drive, Foster City, California, 94404.



RECEIVED
JUN 19 2002
LICENSING & REVIEW

OK

#12
H/US2
11/19/03

2. The invention was related to the work that I was employed to perform and was made within the scope of my employment duties. The invention was made during working hours and with the use of facilities, equipment, materials, funds, information, and services of my employer.

3. The present invention relates to fluorescent dye compounds and uses thereof, such as DNA analysis.

4. To the best of my knowledge and belief, the invention was not made or conceived in the course of, or in connection with, or under the terms of, any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

6. I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of **first** inventor: **Kenneth J. Livak**

Inventor's signature Kenneth J. Livak Date: 9 May 02
Residence: 1148 Poik Lane Citizenship: US
San Jose, CA 95117

Post Office Address: 850 Lincoln Centre Drive, Foster City, California 94404-1128

Name of **second** inventor: **Adam L. Lowe**

Inventor's signature _____ Date: _____

70/038,520

Residence: 640 Corbett Avenue
San Francisco, CA 94114

Citizenship: US

Post Office Address: 850 Lincoln Centre Drive, Foster City, California 94404-1128

Name of **third** inventor: **Andrew J. Blasband**

Inventor's signature _____ Date: _____

Residence: 1540 Morse Blvd.
San Carlos, CA 94070

Citizenship: US

Post Office Address: 850 Lincoln Centre Drive, Foster City, California 94404-1128

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Livak et al.

Serial No.: 10/038,520

Filed: October 22, 2001

For: **LENGTH OF DETERMINATION OF
NUCLEIC ACID REPEAT
SEQUENCES BY DISCONTINUOUS
PRIMER EXTENSION**



) Group Art Unit: to be assigned

) Examiner: to be assigned

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

JUN 4, 2002

(Date of Deposit)

Trisha A. Low

Name of Depositing Party

Michael

Signature of Depositing Party

**PROPERTY RIGHTS STATEMENT TO DOE
(42 USC § 2182)
INVENTORS EMPLOYED BY AN ORGANIZATION**

Assistant Commissioner for Patents
Washington, D.C. 20231

Attention: Licensing and Review

**RECEIVED
JUN 19 2002
LICENSING & REVIEW**

Sir:

As a below-named inventor, I hereby state that with respect to the invention in the above-identified application:

1. The invention was made and conceived during my employment with the Applied Biosystems Group of PE Corporation (NY), located at 850 Lincoln Centre Drive, Foster City, California, 94404.

2. The invention was related to the work that I was employed to perform and was made within the scope of my employment duties. The invention was made during working hours and with the use of facilities, equipment, materials, funds, information, and services of my employer.

3. The present invention relates to fluorescent dye compounds and uses thereof, such as DNA analysis.

4. To the best of my knowledge and belief, the invention was not made or conceived in the course of, or in connection with, or under the terms of, any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

6. I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of **first** inventor: **Kenneth J. Livak**

Inventor's signature _____ Date: _____
Residence: 1148 Polk Lane Citizenship: US
San Jose, CA 95117

Post Office Address: 850 Lincoln Centre Drive, Foster City, California 94404-1128

Name of **second** inventor: **Adam L. Lowe**

Inventor's signature  Date: 30 MAY 2002

70/038,520

Residence: 640 Corbett Avenue
San Francisco, CA 94114

Citizenship: US

Post Office Address: 850 Lincoln Centre Drive, Foster City, California 94404-1128

Name of **third** inventor: **Andrew J. Blasband**

Inventor's signature _____ Date: _____

Residence: 1540 Morse Blvd.
San Carlos, CA 94070

Citizenship: US

Post Office Address: 850 Lincoln Centre Drive, Foster City, California 94404-1128

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Livak et al.

Serial No.: 10/038,520

Filed: October 22, 2001

For: **LENGTH OF DETERMINATION OF
NUCLEIC ACID REPEAT
SEQUENCES BY DISCONTINUOUS
PRIMER EXTENSION**



) Group Art Unit: to be assigned

) Examiner: to be assigned

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

June 4, 2002

(Date of Deposit)

Trisha A. Low

Name of Depositing Party

Trisha A. Low

Signature of Depositing Party

PROPERTY RIGHTS STATEMENT TO DOE

(42 USC § 2182)

INVENTORS EMPLOYED BY AN ORGANIZATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Attention: Licensing and Review

RECEIVED
JUN 19 2002
LICENSING & REVIEW

Sir:

As a below-named inventor, I hereby state that with respect to the invention in the above-identified application:

1. The invention was made and conceived during my employment with the Applied Biosystems Group of PE Corporation (NY), located at 850 Lincoln Centre Drive, Foster City, California, 94404.

2. The invention was related to the work that I was employed to perform and was made within the scope of my employment duties. The invention was made during working hours and with the use of facilities, equipment, materials, funds, information, and services of my employer.

3. The present invention relates to fluorescent dye compounds and uses thereof, such as DNA analysis.

4. To the best of my knowledge and belief, the invention was not made or conceived in the course of, or in connection with, or under the terms of, any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

6. I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of **first** inventor: **Kenneth J. Livak**

Inventor's signature _____ Date: _____
Residence: 1148 Polk Lane Citizenship: US
San Jose, CA 95117

Post Office Address: 850 Lincoln Centre Drive, Foster City, California 94404-1128

Name of **second** inventor: **Adam L. Lowe**

Inventor's signature _____ Date: _____

10/038,520

Residence: 640 Corbett Avenue
San Francisco, CA 94114

Citizenship: US

Post Office Address: 850 Lincoln Centre Drive, Foster City, California 94404-1128

Name of **third** inventor: **Andrew J. Blasband**

Inventor's signature Andrew J. Blasband Date: 5/13/02
Residence: 1540 Morse Blvd. Citizenship: US
San Carlos, CA 94070

Post Office Address: 850 Lincoln Centre Drive, Foster City, California 94404-1128